

Requirements for the Bachelor of Science Degree in Computer Information Systems

Lower Division Requirements	Upper Division Requirements	Electives - min 5 units. (6 units if ISS472 chosen from group selection)
Computer Science 133 ⁽³⁾ __ Computer Science 143 ⁽³⁾ __ Computer Science 153 ⁽³⁾ __ Computer Science 254 ⁽⁴⁾ __ Information Systems 242 ⁽²⁾ __ Mathematics 164 ⁽⁴⁾ __ Mathematics 203 ⁽³⁾ __ Business 212 ⁽⁴⁾ __ Economics 102 ⁽³⁾ __ Intro to Computer Science and Info Systems Intro to Computer Programming Fundamentals of Computer Science Data Structures and Algorithms Visual Programming for Business Apps Calculus I Intro to Statistics Principles of Management Economics II (Microeconomics)	Computer Science 314 ⁽⁴⁾ __ Computer Science 374 ⁽⁴⁾ __ Information Systems 324 ⁽⁴⁾ __ Information Systems 414 ⁽⁴⁾ __ Information Systems 424 ⁽⁴⁾ __ Information Systems 481 ⁽¹⁾ __ Operating Systems Computer Networking and Security Software Engineering Database Management Systems Internet Applications Development Senior Seminar in Information Systems Choose one group from: Information Sys 496 ⁽²⁾ and 497 ⁽¹⁾ __ Service Learning I and II Information Sys 498 ⁽²⁾ and 499 ⁽¹⁾ __ Independent Research I and II Information Sys 472 ⁽²⁾ __ Internship Honors 498 ⁽²⁾ and 499 ⁽¹⁾ __ Honors Project I and II	ACC201 ⁽⁴⁾ __ BUS201 ⁽⁴⁾ __ BUS313 ⁽⁴⁾ __ BUS332 ⁽⁴⁾ __ BUS374 ⁽⁴⁾ __ CSC412 ⁽²⁾ __ CSC493 ⁽³⁾ __ ISS472 ⁽²⁾ __ ISS496 ⁽²⁾ __ ISS497 ⁽¹⁾ __ ISS498 ⁽²⁾ __ ISS499 ⁽¹⁾ __ HON498 ⁽²⁾ __ HON499 ⁽¹⁾ __

I. Responding to the Sacred		
Biblical Foundations	Bible 101 ⁽²⁾ __	and Bible 102 ⁽³⁾ __
The Christian Tradition	Church History 395 ⁽³⁾ __ Church History 484 ⁽³⁾ and 485 ⁽³⁾	or Theology 306 ⁽³⁾ __
II. Developing Cognitive Abilities		
Personal Development	Psychology 101 ⁽⁴⁾ (FF) __	or Psychology 103 ⁽³⁾ __
Critical Thinking and Communication	Writing 110 ⁽⁵⁾ __ or Writing 120 ⁽³⁾ __	and Communication 100 ⁽³⁾ __ or Communication 231 ⁽³⁾ __
Basic Competence	Writing Sample __	Writing 099 __
Problem Solving	Mathematics 303 ⁽³⁾ __	or Mathematics 144 ⁽⁴⁾ __ Mathematics 164 ⁽⁴⁾ __
Basic Competence	Placement Test __ SAT 35th %ile __	Math 099 __ ACT 35th %ile __
III. Exploring an Interdependent World		
The Natural World	Biological Science ⁽⁴⁾ __	and Physical Science ⁽⁴⁻⁵⁾ __ One with lab __
Physical Fitness and Nutrition	PED (One of Physical Education 102-184) Take one of the following: Physical Education 100 ⁽¹⁾ __ Physical Education 300 ⁽²⁾ __	
	Family & Consumer Sci. 315 ⁽³⁾ __ Physical Education 211 ⁽²⁾ __ Physical Education 212 ⁽²⁾ __ Physical Education 213 ⁽²⁾ __	
The Social World	Take one of the following: Economics 101 ⁽³⁾ __ Economics 102 ⁽³⁾ __	
	Sociology 101 ⁽³⁾ __ Sociology 103 ⁽³⁾ __ Sociology 201 ⁽³⁾ __ Political Science 101 ⁽³⁾ __ Political Science 190 ⁽⁴⁾ __	

IV. Seeking Cultural Perspectives		
The History of World Civilizations	History 110 ⁽³⁾ __	and History 111 ⁽³⁾ __
The Fine Arts Take two of the following areas: (MUH, ART, TRE)	Music History 100 ⁽²⁾ __ Music History 101 ⁽²⁾ __ Theater 101 ⁽²⁾ __	Art 100 ⁽²⁾ __ Art 102 ⁽³⁾ __ Art 200 ⁽³⁾ __ Art 201 ⁽³⁾ __
Philosophy	Philosophy 201 ⁽³⁾ __	or Philosophy 211 ⁽³⁾ __
Literature	Take two courses, at least one from masterpieces.	
Masterpieces:	Literature 201 ⁽³⁾ __ Literature 202 ⁽³⁾ __	Literature 203 ⁽³⁾ __
Great Works:	Literature 205 ⁽²⁾ __ Literature 206 ⁽²⁾ __ Literature 207 ⁽²⁾ __	Literature 208 ⁽²⁾ __ Literature 325 ⁽³⁾ __ Literature 460 ⁽³⁾ __
Foreign Language	Take one of the following sequences:	
	Spanish 101 ⁽⁴⁾ __ German 101 ⁽⁴⁾ __	and Spanish 102 ⁽⁴⁾ __ and German 102 ⁽⁴⁾ __
	French 101 ⁽⁴⁾ __	and French 102 ⁽⁴⁾ __
	Biblical Lang. 205 ⁽⁴⁾ __	and Biblical Lang. 206 ⁽⁴⁾ __
	or Biblical Lang. 207 ⁽³⁾ __	and Biblical Lang. 208 ⁽³⁾ __ and Biblical Lang. 337 ⁽³⁾ __